

PRODUCT NAME: Graphene - Ceramic Coating

DESCRIPTION: Jade Graphene is a partially reduced, graphene-oxide modified ceramic coating that protects substrates from weathering, chemicals, physical abrasion and UV rays while repelling water, dirt, and other contaminants via a strong self-cleaning effect. Jade Graphene imparts an ultra hard, inert, durable film that is several micro thick and produces a deep, reflective, mirror-like shine and highly slick surface.

DIRECTIONS: Shake well before use. Saturate a suede applicator or similar with numerous drops of material from the dripper bottle. Apply the coating to a 3x3 ft² area of the vehicle using a cross-hatch pattern with slight overlap to level the product. Allow the coating to cure for 1-2 minutes and gently remove excess product using a clean suede cloth or low nap microfiber towel. Do NOT allow coating to come in contact with water for 24-48 hours while curing - if it does, remove water promptly. Apply additional coats with at least one hour between applications or immediately following a single pass around the vehicle. Do NOT apply in direct sunlight or to a hot surface. Cure time is dependant on environmental conditions - test product on a small inconspicuous area first to gauge cure time.

GENERAL INFO:



CAUTIONS: Can cause eye irritation. Excessive inhalation may cause respiratory irritation. Ingestion can cause gastrointestinal irritation. Prolonged skin contact may cause slight irritation. Harmful if swallowed.

FIRST AID: If product comes in contact with eyes, flush with water for 15 minutes, call physician if irritation persists. If product is inhaled, remove to fresh air, call physician if irritation persists. If product is ingested, do NOT induce vomiting, call a physician.

PHYSICAL & CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

APPEARANCE: Clear, Black

ODOR: Characteristic

FLASH POINT: 49°C / 121°F

pH: N/A

SPECIFIC GRAVITY: 0.959 g/cm³

DENSITY: 8.00 lbs/gal

LONGEVITY: Up to 5 Years

HARDNESS: >10H (ASTM D-3363)

CONTACT ANGLE: 105-115° (Clear Coat)

SLIDING ANGLE: 5-15° (Clear Coat)

THICKNESS: 3-4 micron

ADHESION: 5B - No Coating Loss (ASTM D-3359)

MANDREL BEND: No Coating Loss @ 180° (ASTM D-522)

IMPACT: 80/80 inch-lbs (ASTM D-2794)

TEMPERATURE RESISTANCE: 1200-1800°C / 2200-3300°F

